

696 /
In vitro foam tests of plant extracts were used to study the inheritance of bloat-inducing qualities of alfalfa. As part of the evaluation, 35 alfalfa introductions were tested for stable foam volume in 1967. PI 260247 (Germany) produced the lowest volume, 120 ml ave compared with 121 ml ave for Travois. The highest producer of foam was PI 234815 from Switzerland which produced 185 ml of stable foam. Rumbaugh concluded from this test and from related work that it may be possible to further extend the lower limit of the range of this trait by combining genes from more than one source; also that low foam potential is compatible with desirable agronomic attributes in alfalfa.

--- Rumbaugh, M. D. 1969. Inheritance of Foaming Properties of Plant Extracts of Alfalfa. Crop Sci. 9:438-440.

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866 /
May be resistant to Leptosphaerulina leafspot. See summary card.

---M. Faust, St. Hyacinthe, Quebec, 1978. Report sent 2-15-78.

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